

CLASSIFICATION		PROCESS AND PROPERTY INDEX		DATE AND TIME COVERED	
CA					
<p>Melting diagram of the system $PbCl_2-CdCl_2-TlCl$. A. G. Bergman and T. M. Lowry, <i>Transactions American Chemical Society</i>, vol. 48, p. 16, 1926-27. (1926). The object of this investigation was one of the facts of the relationship between the systems $PbCl_2-CdCl_2-TlCl-AgCl$. The first result represented the ternary system $PbCl_2-CdCl_2-TlCl$. The results are tabulated and presented in figures. Of the three studied there are 3 distinct areas of interest. One of these are crystals, some of the compounds $PbCl_2$, $CdCl_2$, and $TlCl$. The remaining 2 are crystals of double salts. The largest of these down to taken up by the compound $TlCl.CdCl_2$ containing 20.9% of $CdCl_2$. This compound has an α and a β modification. On the side $TlCl-PbCl_2$ the compound $TlCl.PbCl_2$ was identified.</p> <p style="text-align: right;">M. Hosh</p>					
<p>ASB-123 METALLURGICAL LITERATURE CLASSIFICATION</p>					
SOURCE SYMBOLS		SOURCE SYMBOLS		SOURCE SYMBOLS	
LSDOOS PA		LSDOOS MAP DIV ONE		LSDOOS DIV TWO	
LSDOOS PA		LSDOOS MAP DIV ONE		LSDOOS DIV TWO	

TAPCHITASHEVA, V. H., MIKHAYLOV, N. V., FAYNBERG, E. S., GARBACHEVA, V. S., SILEIN, T. J

"Thermodynamic studies of the molecular structure of synthetic polyamides,"
a paper presented at the 9th Congress on the Chemistry and Physics of High Poly-
mer, 28 Jan-2 Feb 57, Moscow, Fiber Research Inst.

B-3,024,395

TAPEL'ZON, S. L.

PA 70T90

USSR/Medicine - Hygiene and Sanitation, May 1948
Rural
Medicine - Public Health

"On Regional Sanitation Councils and the Problem of
Rural Sanitation Doctors," S. L. Tapel'zon, 5 pp

"Gig i San" Vol XIII, No 5

Presents some of the provisions discussed at the
15 Nov 1941 meeting of the People's Commissariat
for Public Health which will strengthen the status
of regional medical sanitation councils, and some
of the provisions which had been adopted.

FDB

70T90

TAPELZON, S. L.

Organization of regional conference of medical assistants.
Feldsher & akush. no. 8:51-54 Aug. 1950.

(CLML 20:1)

TAFER, A.

Mbr., Order Labor Red Banner Sci. Res. Physiol Chemistry Inst. im. L. Ya. Karpov, Moscow,
-1941-. "Solution and Source Occurance of Cellulose Ester," Acta, Phys. 14, No. 5,
1941.

TAPER, Henryk (Wejherowo, ul. Sobieskiego 251)

Glucagon, a new hormone of the Islands of Langerhans. Polski tygod.
lek. 9 no.43:1398-1400 25 Oct 54.

1. Z II Zakladu Chorob Wewn. Instytut. Dosc. i Spec. Kadr Lek;
kierownik: doc. dr med. W. Hartwig.
(ISLANDS OF LANGERHANS, hormones,
glucagon)

TAPER, Henryk

Fibrinolysis in cases of malignant neoplasms. Polski tygod.
lek. 11 no.3:107-114 16 Jan 56.

1. Z II Zakladu Chorob Wewnet. Inst. Doskonalenia i Specj.
Kadr Lekarskich w Warszawie; kier. prof. dr. W. Hartwig,
Wejherowo, ul. Sobieskiego 251.

(FIBRIN

fibrinolysis in malignant neoplasms

(NEOPLASMS, blood in

fibrinolysis

(BLOOD, in various dis.

cancer, fibrinolysis.

LEONOWICZ, Konstanty; TAPIR, Henryk

A case of dissecting aortic aneurysm. Polski tygod. lek. 14 no.30:
1402-1404 27 July 59.

1. (Z Kliniki Chorob Wewnętrznych A. M. w Gdansk: kierownik: prof.
dr med. Jakub Penson i z Zakładu Anatomii Patologicznej A. M. w
Gdansk; kierownik: prof. dr med. Wilhelm Czarnocki)
(AORTIC ANEURYSM, pathol.)

ZBOARSKI, Witold; TAPEK, Henryk; DZIEWULSKA, Krystyna

▲ case of pleural mesothelioma. Pat.polska 11 no.1:13-22 '60.

1. Z I Kliniki Chorob Wewnętrznych AM w Gdansk, Kierownik: Prof.
dr M. Gorski; Z Zakładu Anatomii Patologicznej AM w Gdansk,
Kierownik: Prof. dr W. Czarnocki; Z Zakładu Radiologii AM w
Gdansk, Kierownik: Prof. dr W. Grabowski.
(MESOTHELIOMA case reports)
(PLEURA neopl.)

SZREDER, W.; TAPER, H.

Effect of large doses of iodine on experimental neoplasms. Acta
physiol.polon. 11 no.5/6:893-894 '60.

1. Z Zakładu Patologii Ogólnej A.M. w Gdansk, Kierownik: prof.dr
W.Szreder. Z Zakładu Anatomii Patologicznej A.M. w Gdansk,
Kierownik: prof.dr W.Czarnocki.
(IODINE pharmacol)
(NEOPLASMS exper)

SZREDER, Wladyslaw; TAPER, Henryk

Effect of large doses of iodine on experimental tumors. Pat. polska
13 no.2:205-213 '62.

1. Z Zakladu Patologii Ogolnej AM w Gdansk Kierownik: prof. dr
Wl. Szreder Z Zakladu Anatomii Patologicznej AM w Gdansk Kierownik:
prof. dr W. Czarnocki.
(NEOPLASMS exper) (IODINE pharmacol)

SZREDER, Wladyslaw; TAPER, Henryk; WENT, Adam

Effect of Delbet's vaccine and distreptotase on sarcomas
(sarcoma 180) in R-III mice. Pat. polska 14 no.4:429-438
0-D'63

1. Z Zakladu Patologii Ogolnej AM w Gdansk (kierownik:
prof.dr.med. W.Szreder) i z Zakladu Anatomii Patologicznej
AM w Gdansk (kierownik: prof.dr.med. W.Czarnocki).

TAPER, H.; ZAKOLSKI, W.

The influence of the homologous neoplastic atuolysates on the transplantation of the Ehrlich ascites carcinoma in mice of strain R III. Neoplasma 11 no.2:131-136 '64

1. Department of Pathological Anatomy, Medical Academy in Gdansk; Department of General and Experimental Pathology, Medical Academy in Gdansk, Poland.

TAPER, H.; ZWYKIELSKI, Gr.

Observations on thyroid carcinoma in children. Stud. cancer.
endocr. 15 no.3:247-251 '64.

TAFERMAN, Efim Iakovlevich.

Instructions on the installation and operation of rotary compressors. CITI AKTP,
Gos. nauch.-tekhn. izd. Ukrainy, 1935. 83 p.

TAPERČEROVA, Edita

Resistance of erythrocytes to tannins. Edita Taperčero-
vá and J. Baloun (Ústav pre farmakognóziu, Bratislava,
Czechoslovakia). *Pharmazie* 24, 76-84 (1955).—Water exts. of
krameria root, tormentil, and gallae hungaricae have been
tested for their action on erythrocytes (R) of calves and cows
of different age. It was found that the resistance of R to
these exts. increases with the age of the animals. The
resistance does not vary with age when a standard tannin is
used. Should this effect be proved for other tannin drugs,
it will be necessary in applying this biol. method for evalua-
tion of tannins to use animals of the same age or to abandon
tannin as a standard. K. Marek

①

1ST AND 2ND ORDERS										PROCESSING AND PROPERTIES INDEX										3RD AND 4TH ORDERS									
<p>BC</p> <p>6-1-5</p> <p>Phase-chemical analysis in the sulphuric acid treatment of phosphates. E. A. P. Durov, A. A. Tarshova, E. T. Gumenyukova, and M. N. Sidorovskii. Zh. Khim. Ind. Razn. 1987, 14, 686-688; of A. 1987, 1, 689. The solid phases separating in the system $\text{CaO}-\text{P}_2\text{O}_5-\text{SO}_3-\text{H}_2\text{O}$ at 80° are $\text{Ca}_2(\text{PO}_4)_2 \cdot \text{H}_2\text{O}$, $\text{Ca}_3(\text{PO}_4)_2$, $\text{Ca}_2(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O}$, and CaSO_4 (I). In view of the low solubility of (I) the composition of the liquid phase is unaffected by its presence. The SO_3 content of superphosphate is represented practically exclusively by (I).</p> <p>R. T.</p>																													
A.S.M. S.A. METALLURGICAL LITERATURE CLASSIFICATION																													
SUBJECT										SUBJECT										SUBJECT									
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15

CA

THE CRYSTAL FORM OF CALCIUM SULFATE IN SUPERPHOSPHATE
 A. P. Belopolski and A. A. Tatarskiy, J. Chem. Ind.
 U. S. S. R. 15, No. 3, 1971. X-ray studies show
 that even after it has been kept for 2 years, the CaSO_4 in
 superphosphate is still in the form of insol. anhydrite.
 H. M. Tatarskiy

ASB-56.6 METALLURGICAL LITERATURE CLASSIFICATION

GROUPS

MAJOR GROUPS

MINOR GROUPS

CLASSIFICATION

BC

1

Physico-chemical analysis, in connection with sulphuric acid treatment of phosphates. Transformations of calcium sulphate crystal hydrates in presence of phosphoric acid at 80°. A. P. BILLORENT, A. A. TAPKOVA, and M. N. SCHULGINA (J. Appl. Chem. Russ., 1959, 12, 3-13).—At 80° the stability of different forms of CaSO_4 runs in the order $\text{CaSO}_4 \cdot 0.5\text{H}_2\text{O} < \text{gypsum} < \text{anhydrite}$, in presence of $>30\% \text{P}_2\text{O}_5$; with $>35\% \text{P}_2\text{O}_5$ the order is gypsum $< \text{CaSO}_4 \cdot 0.5\text{H}_2\text{O} < \text{anhydrite}$. The changes are not continuous, a certain time elapsing between formation of a metastable form and its conversion into the stable one; this is ascribed to supersaturation of the solution with the new phase, with delayed crystallization.

R. T.

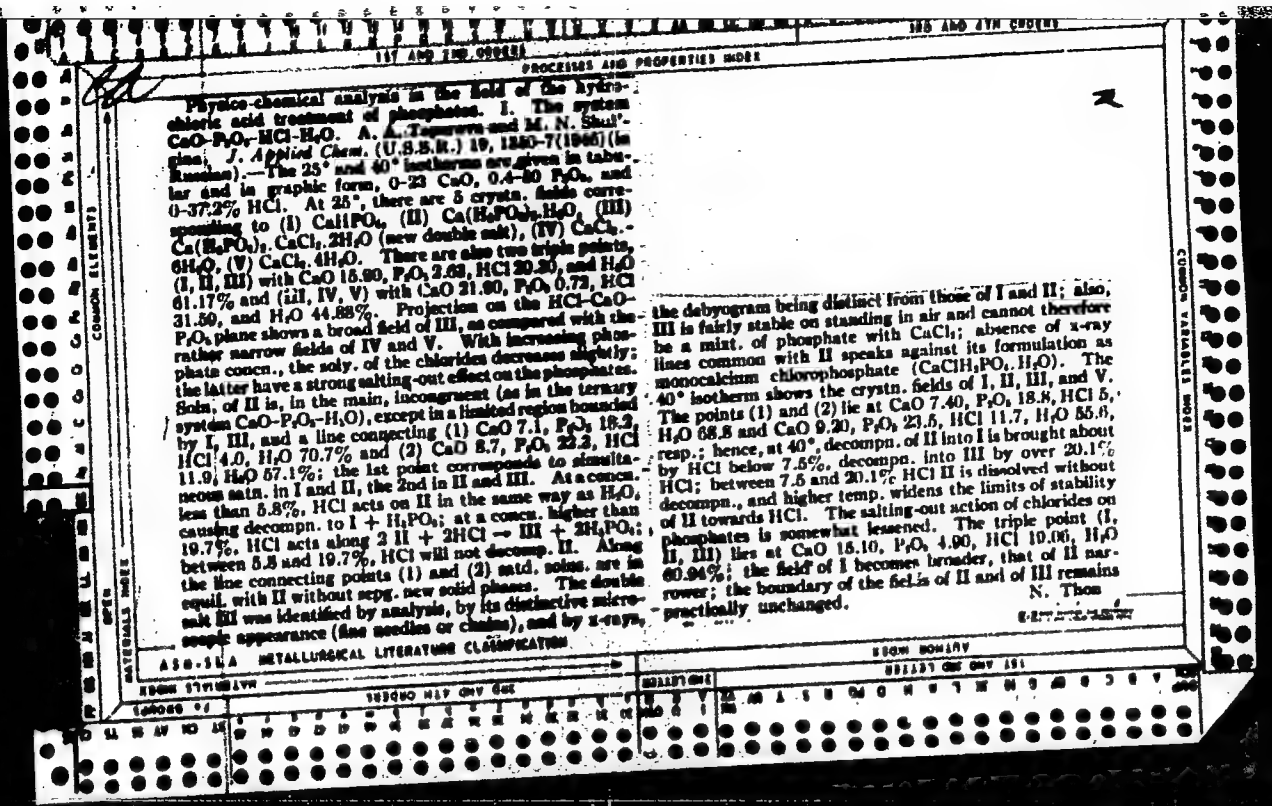
ASM-A METALLURGICAL LITERATURE CLASSIFICATION

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p>BC</p> <p>6-1</p> <p>Physical-chemical analysis in relation to the sulphuric acid treatment of phosphates. I. Ternary system $\text{CaO-P}_2\text{O}_5\text{-H}_2\text{O}$, at 80°. A. P. BUKALOV, A. A. TARASOVA, M. T. SEMENOVSKAYA, and M. N. SCHERBA (J. Chem. Ind. Russ., 1937, 14, 584-588).—Equilibrium data are given for the system $\text{CaO-P}_2\text{O}_5\text{-H}_2\text{O}$, at 80°, for the range 0-15-45% P_2O_5. R. T.</p>																			
ASS-5LA METALLURGICAL LITERATURE CLASSIFICATION																			
ROOM 170101010										ROOM 170101010									
SUBJECTS										SUBJECTS									
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140000 04										021137 010 010 151									

COMMON ELEMENTS		COMMON VARIABLE INDEX	
<p>Ca</p> <p>Physicochemical analysis in the field of sulfuric acid treatment of phosphates. IV. The system: $\text{CaSO}_4 \cdot \text{H}_2\text{O}$-$\text{H}_3\text{PO}_4$-$\text{H}_2\text{O}$. A. A. JAGODITSKY. <i>J. Applied Chem.</i> (U. S. S. R.) 12, 643-51 (in French, 632) (1940); cf. C. A. 33, 0001¹.—The system was investigated at 0-63% concn. of H_3PO_4 (as P_2O_5) at 25° and 80°. The only stable solid phase at 80° was CaSO_4. The soly. curves of $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ and $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$ intersected each other at the P_2O_5 concn. of 33%; the dihydrate is more stable below this concn. and $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$ above. H_3PO_4 (within the investigated concns.) did not decomp. Ca sulfates and did not form $\text{Ca}(\text{H}_2\text{PO}_4)_2$ at 80°. CaSO_4 in solns. contg. more than 33.75% P_2O_5 and $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ in solns. contg. less than 33.75% P_2O_5 were stable, solid phases at 25°, while the $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$ was metastable at all concns. of P_2O_5. However, gypsum was relatively more stable than $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$ at 33.75-45% P_2O_5 and above 46% P_2O_5 it was less stable. The polytherm for transformation of Ca sulfates in the presence of H_3PO_4, limiting the stability fields of different hydrates (or anhydrite), is given.</p> <p>A. A. Podgorny</p>		<p>18</p>	
<p>450-51.9 METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>FROM 1714121</p>		<p>FROM 1714121</p>	
<p>1714121</p>		<p>1714121</p>	

1ST AND 2ND COPIES		3RD AND 4TH COPIES	
PROCESS AND PROPERTIES INDEX			
CA			2
<p>Physicochemical analysis of sulfuric acid treatment of phosphates. V. The solubility of calcium sulfate in aqueous solutions of phosphoric acid at 40°, 60°, and 80°. A. A. Tammann and M. N. Shal'gin. <i>J. Applied Chem. (U.S.S.R.)</i> 18, 881-8 (1945) (English summary); cf. C.A. 33, 2366. The soly. of various forms of CaSO_4 (dihydrate, hemihydrate, and anhydrite) at 40, 60, and 80° in 30-80% H_3PO_4 was detd. Thus, a complete soly. formulation of the system $\text{CaSO}_4\text{-H}_2\text{PO}_4\text{-H}_2\text{O}$ was established, with results given in graphic and tabular forms. G. M. Kosolapoff</p>			
Inst. Insect. Fungicides in Ya. V. Simoylov			
METALLURGICAL LITERATURE CLASSIFICATION		BETTER LITERATURE	
100000 H17 000 000		001101 000 000 000	



TAFEROVA, A. A.

Mbr., Lab. General Chemistry, Moscow Steel Inst., -c1949-. "The 100 ° Isotherm of the System $\text{MnO}-\text{P}_{205}-\text{H}_2\text{O}$," Zhur. Prik. Khim., No. 4, 1949.

CA

Physicochemical analysis in the field of sulfuric acid treatment of phosphates. IV. Kinetics of the transformation of the crystal hydrates of calcium sulfate in the presence of phosphoric acid. A. A. Taperova and M. N. Shul'giva. *J. Applied Chem. U.S.S.R.* 23, 27-28 (1950) (Engl. translation); *Zhur. Priklad. Khim.* 23, 23-24 (1950); cf. C.A. 46, 8637. — Transformation velocities of $\text{CaSO}_4 \cdot 0.5\text{H}_2\text{O}$ and $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ to the anhyd. form were studied in the presence of H_3PO_4 at temps. of 40, 60, 80, and 90°. Under some conditions the semihydrate transforms to gypsum before dehydration sets in. As expected, the rates of transformation increase with temp. With increasing P_2O_5 concn., the rate of formation of gypsum from the semihydrate decreases, but that of gypsum \rightarrow anhydrite increases.

Z. D. Sheldon

VASIL'YEVA, Z.G.; GRANOVSKAYA, A.A.; MAKARYCHEVA, Ye.P.; TAPEROVA,
A.A.; FRIDENBERG, Ye.E.; DANILEVICH, T.A., red.

[Laboratory work in general chemistry; semimicroanalysis]
Laboratornyi praktikum po obshchei khimii; polumikrometod.
2. izd. Moskva, Khimiia, 1965. 346 p. (MIRA 18:7)

SHINKEVICH, I.I.; BUKHIN, I.N.; TAPECHENKO, V.T.; NEPOMNYASHCHIIY,
I.L.; TELEPNEV, N.A.; KHARCHENKO, G.D.; GOL'DMAN, V.L.;
NAZARENKO, V.L. KOVALEVA, Z.G., red.

[Album of equipment for the chemical shops of coke by-
product plants] Al'bom oborudovaniia khimicheskikh tse-
khov koksokhimicheskogo zavoda. Khar'kov, Izd-vo
Khar'kovskogo univ. Pt.1. 1964. 109 p.
(MIRA 18:10)

TAPFER, DEZSO, DR.

LÉNGYEL, Anna, Dr.; BANKI, György, Dr.; TAPFER, Dezső, Dr.

Present state of the oral therapy of enterobiasis; application of papain and combined papain-piperazine therapy with special regard to child communities. Orv. hetil. 99 no.24:797-802 15 June 58.

1. A Budapesti Orvostudományi Egyetem Közegeszségtani Intézetének (Igazgató: Melly József dr. egyet. tanár) közleménye.

(OXYURIASIS, in inf. & child

ther., papain-piperazine citrate prep., oral admin. (Hun))

(PROTEASIS, ther. use

papain-piperazine citrate prep. in oxyuriasis in inf. & child, oral admin. (Hun))

(PIPERAZINES, ther. use

piperazine citrate - papain prep. in oxyuriasis in inf. & child, oral admin. (Hun))

JAKAB, Andras; SCHAFER, Lajos; TAPFER, Dezső, dr.; RADEZKY, Jeno;
PATKAI, Imre, dr.; BABAY, Karoly; SOLYMOSSY, Laszlo, dr.;
GYORY, Jeno; FEKETE, Karoly; FERENCZ, Miklos; GEREBY, Gyorgy;
SZEMERE, Laszlo; SAGHY, Antal, dr.; CSABA, Jozsef; KEVE, Andras,
dr.; AGARDI, Ede; KOFFAN, Karoly; SCHMIDT, Egon

Data on the avifauna of Dunantul. Aquila 69/70:260-266 '62-'63
[publ. '64].

HUNGARY

NAGYLUCKAY, Sandor, SUJBERT, Laszlo, SZEL, Gyorgy, TAPFER, Dezso, VEDRES, Istvan; Medical University of Budapest, Institute of Hygiene (director: VEDRES, I.) Budapesti Orvostudományi Egyetem, Egészségtani Intézet).

"Animal Experiments Concerning the Etiology of Viral Hepatitis."

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol XII, No 4, 1965/66, pages 351-356.

Abstract: [English article, authors' English summary modified] Attempts were made to reproduce the experiments of BERTOK et al., i.e. to render rats susceptible to human hepatitis by the addition of 0.3 per cent of methionine (23-25 mg daily) to a methionine-deficient diet. Rats kept on this diet (group I) as well as rats kept on a normal diet (group III) were administered material obtained from patients suffering from acute hepatitis. The animals together with non-infected controls (groups II and IV) were kept under observation to record the incidence of jaundice and death. Serum samples were tested for hemagglutination and transmission of the hemagglutinating factor to embryonated eggs was attempted. Electrophoretic analysis of the serum proteins was also carried out. There were significant differences between group I and the other groups in the relative level of gamma globulin, in the hemagglutinating capacity of the serum and in the results of egg inoculations. Because of the occurrence of jaundice

1/2

HUNGARY

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol XII, No 4, 1965/66, pages 351-356.

and even deaths in the ethionine-fed "non-infected" group (II) too, and the recovery of the hemagglutinating agent from the liver extract of two "infected" animals kept on a normal diet (group III), however, the conclusions of BERTOK et al. could neither be confirmed nor refuted. 4 Eastern European, 4 Western references. [Manuscript received 22 Aug 65.]

2/2

- 57 -

TAPILIN, A. (Sochi)

Measurement of the capacitance of condensers and resistors up to
20 megohms by means of the TT-1 device. Radio no. 12:47-48 D '60.
(MIRA 14:1)

(Electric measurements)

TAPILIN, V.M.

Effect of overlapping integral on the spectrum of local electronic states in the adsorption and contact of two crystals. Kin.i kat. 3 no.5:709-711 S-O '62. (MIRA 16:1)

1. Institut fizicheskoy khimii AN Chekhoslovatskoy Sotsialisticheskoy Respubliki, Praga i Institut kataliza Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Adsorption) (Crystals) (Chemistry, Physical and theoretical)

TAPIL'SKAYA, N.Y.

Effect of soil aeration on the susceptibility of cotton to the
fungus *Verticillium dahliae* Kieb. Uzb. biol. zhur. 9 no.1:
16-18 '65. (MIRA 18:6)

1. Institut botaniki AN UzSSR.

KIYATKIN, P.F.; TAPIL'SKIY, I.A.

Yolk quality of dual-purpose sheep in Uzbekistan. Dokl. AN Uz.
SSR no.9:57-60 '56. (MIRA 12:6)

1. Institut sel'skogo khozyaystva AN UzSSR. Predstavleno
akademikom AN UzSSR A.S.Sadykovym.
(Uzbekistan--Wool fat)

TAPIL'SKIY, I. A.

USSR/Farm Animals. Smalled Horned Stock.

Q

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16810.

Author : Perepelitsina N. S., Tapil'skiy I. A.

Inst :

Title : The Dependence of the Strength of the Fiber of the
Wool on the Yolk
(K voprosu o zavisimosti kreposti volokna shersti
ot shiropotnosti)

Orig Pub: Dokl. AN UzSSR, 1957, No 2, 55-58.

Abstract: In order to elucidate the dependence of the strength
of the wool on the yolk in fine-wool and semi-fine-
wool sheep, samples were taken of the wool of the
Merino of the Stavropol', of the Groznyy, of the
Tsigay, and of the Lincoln breed from their right
shoulder blade. It was demonstrated that the wool

Card : 1/2

32

USSR/Farm Animals. Small Horned Stock.

Q

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16810.

of the Lincolns contains the smallest quantity of yolk (8.6 - 11.0%) and yields higher amount of pure fibers (66.5%). The highest amount of yolk was found in the Stavropol' and Groznyy Merinos (correspondingly 16.1-24.7 and 21.5 - 26.7%). The wool of the Sigarys (4.99 g.) exhibits the smallest strength. It is to be noted that there is a direct interdependence between the strength and the compactness of the wool.

Card : 2/2

KIYATKIN, P.F.: TAPIL'SKIY, I.A.

Comperative physiological and hematological characteristics of first-generation in Uzbekistan. Dokl. AN Uz. SSR no.9:61-65 '57.

(MIRA 11:5)

1. Institut zoologii inparazitologii AN UzSSR. Predstavleno akademikom AN UzSSR Z.Yu. Yunusovym.

(Uzbekistan--Sheep) (Hybridization)

TAPIL'SKIY, I.A.

Reproductive capacity of imported Marino rams. Dokl. AN Uz. SSR
no.4:67-71 '58. (MIRA 11:6)

1. Institut zoologii i parazitologii AN UzSSR. Predstavleno nom-
korrespondentom AN UzSSR V.V. Yakhontovym.
(Uzbekistan--Sheep breeding)

COUNTRY : USSR Q
 CATEGORY : Farm Animals. Sheep
 ABS. JOUR. : RZBiol., No. 13, 1958, No. 59535
 AUTHOR : Kiyatkin, P. F.; Tapil'skiy, I. A.
 INST. : AS Uzbek SSR
 TITLE : Comparative Physiological and Hematological
 Characteristics of Hybrid Sheep of the First
 Generation in Uzbekistan
 ORIG. PUB. : UzSSR Fanlar Akad. dokladi, Dokl. AN UzSSR,
 1957, No 9, 61-65
 ABSTRACT : Newborn yearling lamb ewes (Fat-Rumped crosses of Fat-Rumped dams with Lincoln and Caucasian Merinos) born under favorable conditions had a body temperature of 39.0-39.8°, the frequency of pulse beats per 1 min. ranged within 108 to 144, and the respiration rate was within 24 to 61. On the transfer (in May) of lambs to high mountain pasture at 2,200-2,500 m. above sea level, an

CARD: 1/3

Q - 33

Country : USSR
 CATEGORY : Farm Animals. Sheep

ASS. JOUR. : RZBiol., No. 13, 1958, No. 59535

AUTHOR :
 INST. :
 TITLE :

ORIG. PUB. :

ABSTRACT : atmospheric pressure of 575-590 mm. of a mer-
 cont'd. cury column and relative humidity of 70-76%,
 the body temperature of Fat-Rumped lambs was
 lower compared with their crosses with Lin-
 coln rams by 0.7° in the morning and by 0.5°
 during the daytime. The Hb content in the
 blood rose from 60 to 69-73%, and the ery-
 throcyte count increased from 7-7.5 to 9-10.2
 million and that of leukocytes from 7.8-9 to
 10.9 thousand per 1 mm.³ In wintertime, under

CARD: 2/3

COUNTRY : USSR
CATEGORY : Farm Animals. Sheep

Q

ABS. JOUR. : RZBiol., No. 13, 1958, No. 59535

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : identical conditions of feeding the Lincoln
cont'd. crosses had a body temperature higher by 0.4°
in the morning and by 0.6° in the evening,
and the respiration rate higher by 2-11 per
1 min., compared with Fat-Rumped sheep.

CARD: 3/3

Q - 34

TAPIL'SKIY, I. A., Cand of Bio-Sci -- (diss) "The Study of the Acclimatization of Imported Rams in Uzbekistan," Tashkent, 1959, 20 pp (Academy of Sciences, Uzbek SSR. Institute of Zoology and Parasitology) (KL, 7-60, 108)

KHAYRUTDINOV, Kh.Sh.; TAPIL'SKIY, I.A.

Digestive activity of the small intestine in Karakul sheep.
Dokl. AN Uz. SSR no.9:53-55 '59. (MIRA 13:1)

1. Institut zoologii i parazitologii AN UzSSR. Predstavleno
akademikom AN UzSSR A.Yu. Yunusovym.
(Karakul sheep) (Digestion)

KIYATKIN, P.F.; TAPIL'SKIY, I.A.

Heat emission and gas exchange in imported Merinos and in native fat-tailed rams. Dokl.AN Uz.SSR no.12:47-50 '59. (MIRA 13:5)

1. Institut zoologii i parazitologii AN UzSSR. Predstavleno akademikom AN UzSSR T.Z.Zakhidov/m.

(Sheep--Physiology)

(Body temperature)

(Respiration)

TAPINSKIY, L. S. (Moskva, D-7, Khoroshevskoye shosse, d. 26, kv. 12)

Bronchography using a 10% solution of novocaine with antibiotics for anesthesia. Grud. khir. no.5:94-96 '61. (MIRA 15:2)

1. Iz kafedry obshchey khirurgii lechebnogo fakul'teta (zav. - prof. V. I. Struchkov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I. M. Sechenova.

(NOVOCAINE) (ANTIBIOTICS) (BRONCHI—RADIOGRAPHY)

TAPINSKIY, L.S.; VOLIN-SHCHETIN, G.L.

Comparative evaluation of some clinical and roentgenological
manifestations of congenital and acquired bronchiectases.
Khirurgiya no.1:76-80 '63. (MIR, 1965)

. Iz kafedry obshchey khirurgii (nav. s. chlen-korrespondent
AN SSSR prof. V.I. Strizhkov) Leningnogo fakulteta 1 Mosk. univ.
ordena Lenina meditsinskogo instituta.

STRUCHKOV, V.I. (Moskva, Truzhenikov, per., d.19,kv.37); SAKHAROV, V.A.;
VOL'-EPSHTEYN, G.L.; TAPINSKIY, L.S.

Some problems in the diagnosis and treatment of chronic purulent
diseases of the lungs. Grud.khir. 5 no.1:93-99 Ja-F'63.

MIRA (16:7)

1. Iz kliniki obshchey khirurgii (zav.- chlen-korrespondent AMN
SSSR prof. V.I.Struchkov) lechebnogo fakul'teta I Moskovskogo
ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

(LUNGS—DISEASES) (SUPPURATION)

(LUNGS—SURGERY)

VOL'-EPSHTEYN, G.L. (Moskva, I-422, 1-y Dmitrovskiy pr., d. 4, kv.48);
TAPINSKIY, L.S.; ZHDANOV, V.S.

~~A clinical X-ray anatomical study~~ of bronchography by means
of propyliodone (characteristics and complications. Grud. khir.
5 no.2:105-108 Mr-Apr'63 (MIRA 17:2)

1. Iz kliniki obshchey khirurgii (zav. - prof. V.I. Struchkov)
lechebnogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo
instituta imeni I.M.Sechenova.

VOL'-EPSHTEYN, G.L. (Moskva A-8, 1-y Dmitrovskiy prospekt, d.4, kv.48);
TAPINSKIY, L.S.

X-ray diagnosis of various forms of bronchiectasis. Grud,
khir. 5 no.5:60-64 S-D '63. (MIRA 17:8)

1. Iz kliniki obshchey khirurgii lechebnogo fakul'teta (zav. -
chlen-korrespondent AMN SSSR prof. V.I. Struchkov) I Moskov-
skogo ordena Lenina meditsinskogo instituta imeni Sechenova.

TAPINSKIY, V., inzh.

Characteristics of the braking system of "Moskvich" 403 and 408 automobiles. Avt. transp. 42 no.10:44-47 6 '61.

(MIRA 17:11)

1. Vedushchiy konstruktor Moskovskogo zavoda malolitrzhnykh avtomobiley.

BELKIN, L.I.; GORELOV, L.R.; GORYACHIIY, Ya.V.; ZILOV, A.L.;
NEMTSOV, Yu.M.; TAPINSKIY, V.N.; YUTT, Ye.M.;
ANDRONOV, A.F., inzh., red.

[Automobile "Moskvich" 403; design and maintenance] Avto-
mobil' "Moskvich" modeli 403; konstruktsiia i tekhnicheskoe
obslyuzhivanie. Moskva, Mashinostroenie, 1965. 402 p.
(MIRA 18:8)

1. Glavnyy konstruktor Moskovskogo zavoda malolitrzhnykh
avtomobiley (for Andronov).

GUGASYAN, A.G., prof., TAPITSER, E.I.

Bacterial flora in intestinal diseases. Klin.med. 36 no.11:13-23
N '58 (MIRA 11:12)

1. Iz fakul'tetskoy terapevuticheskoy kliniki (dir. - prof. A.G. Gugasyan) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.
(GASTROINTESTINAL DISEASES, microbiology
(Rus))

TAPLANYI, E.

Mihaly Kovats. Orv. hetil. 104 no.22:1042-1043 2 Je '63.
(BIOGRAPHIES)

RUMANIA

FLORESCU, V., Colonel, Medical Corps; CONSTANTINESCU, Fl., Colonel, Medical Corps, Dr. in Medical Sciences; and TAPLIGA, M., Lieutenant-Colonel, Medical Corps.

"Considerations on the Fungal Infection of the Ears"

Bucharest, Revista Sanitara Militara, Vol. 62, No. 3, May-June 1966; pp 579-582

Abstract: Of 27 patients in 15 months, 7 were men, 16 women and 4 children aged 6 to 15; all of them had chronic otitis externa and media revealed to be due to fungi: culture showed *Aspergillus niger* in 21, *A. fumigatus* in 3, *A. flavus* in 2, *Candida albicans* in 1 of the children. Nystatin and older-type dye treatment was generally quite successful. Manuscript received 2 October 1965.

1/1

64

IVANOV, Yakov Andreyevich, kand. sel'khoz. nauk, nauchnyy sotr.;
RYZHEY, Ivan Petrovich, kand. biolog. nauk, nauchnyy sotr.;
ZAVGORODNYAYA, Yelena Tikhonovna, nauchnyy sotr.; TAPLOVA,
Yekaterina Alekseyevna, nauchnyy sotr.; MOISEYEV, Aleksandr
Nikiforovich, nauchnyy sotr.; ABDUMANAPOLOV, S., red.;
NOSOVETS, F.G., red.; BEYSHENOV, A., tekhn. red.

[Field testing of grain, oilseed, and forage crops in the
Kirghiz S.S.R.] Aprobatsiia zernovykh, maslichnykh i kor-
movykh kul'tur v Kirgizskoi SSR. Frunze, Kirgizskoe izd-vo,
1959. 174 p. (MIRA 15:3)

1. Kirgizskiy nauchno-issledovatel'skiy institut zemledeliya
(for Ivanov, Ryzhey, Zavgorodnyaya, Teplova, Moiseyev).
(Kirghizistan--Grain breeding)
(Kirghizistan--Oilseed Plants)
(Kirghizistan--Forage plants)

L 34961-66 EWP(k)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6026664

SOURCE CODE: HU/0014/65/098/008/0357/0359

AUTHOR: Tapolcai, Laszlo--Tapoltsai, L.; Toth, Lajos--Tot, L. (Doctor)

ORG: Department for Research and Development, Csepel Metal Works, Csepel (Csepeli
Fermi Kiserleti es Kutatasi Osztaly)

TITLE: Some problems in the manufacture and pouring of large chromium bronze billets

SOURCE: Kohaszati lapok, v. 98, no. 8, 1965, 357-359

TOPIC TAGS: bronze, chromium alloy, induction furnace, crystal structure

ABSTRACT: The manufacture of the preliminary copper-chromium alloy, the alloying of the preliminary alloy in evacuated and atmospheric-pressure induction furnaces, and the effects of the billet shape on the manufacture and pouring behavior of large chromium bronze billets containing 0.5 - 1.0% chromium were investigated. Methods to ensure satisfactory crystalline structure and good pouring behavior were discussed. Some steps to reduce wastage in production were outlined.

Orig. art. has: 5 figures and 1 table. [JPRS: 32,491]

SUB CODE: 11, 13, 20 / SUBM DATE: none / SOV REF: 003 / OTH REF: 004

Card 1/1 JS

UDC: 669.26+669.35.6:621.746.5

TAPOLCSANYI, Lajos, dr.

Clinical statistics of breast cancer. Magy. onkol. 8 no.2:
70-71 Je '64

Treatment of **breast cancer**. Treatment of local recurrences
and regional metastases. Ibid.:103-104

1. Orszagos Onkologiai Intezet.

TAPOLYAI, Mihaly, dr.

Regional mental health service for children in Borsod-Abaúj-Zemplén county. Nepegeszségügy 37 no.5:132-134 May 56

1. Kozl. a Borsod-Abaúj-Zemplén megyei tancs, Sennelweis kórház-
rendelőintézet (igaz.-főorvos Kende István dr.) idegelnegondozási
osztal. (vezető: Tapolyai Mihály dr.)

(MENTAL HYGIENE

ment. health serv. for child. in Hungary, regional
serv. (Hun))

(CHILD WELFARE

ment. health serv. in Hungary, regional serv. (Hun))

HORTOBAGYI, Ida, okl. vegyesz, tanar; TAPOLCZAY, Miklos, okl. vegyesz, tanar.

On the Technical College of Oil Prospection and Deep Boring of Industry
Nagykanizsa. Bany lap 93 no. 8:555-557 Ag'60.

1. Koolajbanyaszati es Melyfuroipari Technikum, Nagykanizsa.

ENDOCRINOLOGY

HUNGARY/UNITED ARAB REPUBLIC

ISMAIL, A. A., EL-RIDI, M. S. ABDEL-HAY, A., KAMEL, G., TALAAT, M., El Mofty Metabolic and Endocrine Research Unit, Biochemistry Department, Faculty of Medicine, Cairo; and TAPOUZADA, Salwa, National Research Centre, Dokki, both in the United Arab Republic.

"Interrelation Between Thyroid Hormones and Essential Fatty Acids"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol 29, No 3-4, 8 Jun 1966, pp 225-234.

Abstract: [English article] Since both fatty acids and thyroid hormones are frequently used as hypocholesterolaemic agents, the authors investigated the effect of thyroid hormone administration on rats maintained on a synthetic diet deficient in essential fatty acids. The deficiency reduced fertility in both sexes; fetuses were absorbed in some cases and the females failed to lactate. Triiodothyronine, in doses of 1.0 µg /rat/day markedly enhanced the essential fatty acid deficiency; thyosine, in doses of 10 µg /rat/day showed no such effect. The symptoms disappeared upon treatment with highly unsaturated fatty acids in doses of 0.1 ml /rat/day. 26 references, including 1 German and 25 Western. (Manuscript received 21 Jun 1965).

1/1

MONAKHOV, N.I., inzh., glavnyy red.; TURIANSKIY, M.A., inzh., zam.
glavnogo red.; TAPRYKIN, D.G., inzh., red.; KHAVIN, B.N.,
red.izd-va; MEDVEDEV, L.Ya., tekhn.red.; RUDAKOVA, N.I.,
tekhn.red.

[Collection No.6 of consolidated cost indexes of buildings
and structures of the chemical industry to be used in re-
valuating capital assets] Sbornik no.6 ukрупnennykh pokaza-
telei stoimosti zdaniy i sooruzheniy khimicheskoy promyshlen-
nosti dlya pereotsenki osnovnykh fondov. Moskva, Gos.izd-vo
lit-ry po stroit., arkhitekt. i stroit.materialam, 1959. 72 p.
(MIRA 12:10)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva.

(Chemical plants)

MONAKHOV, N.I., inzh., glavnyy red.; TURIANSKIY, M.A., inzh., zam.glavnogo red.; SATURIN, A.I., inzh., red.; TAPRYKIN, D.G., red.; KHAVIN, B.W., red.izd-va; RUDAKOVA, N.I., tekhn.red.

[Collection No.4 of consolidated cost indexes of buildings and structures of the petroleum industry to be used in revaluating capital assets] Sbornik no.4 ukрупnennykh pokazatelei stoimosti zdaniy i sooruzheniy neftianoi promyshlennosti dlia pereotsenki osnovnykh fondov. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1959. 183 p. (MIRA 12:10)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva.
(Petroleum industry--Equipment and supplies)

PRAVDINA, O.V.; MELEKHOVA, L.V.; IVANOVSKAYA, Y.A.; TAPTAPOVA, S.I.;
ALMAZOVA, A.I.; LYAPIDEVSKIY, S.S., red.; NOVIKOV, Ya.A., red.;
DRANNIKOVA, M.S., tekhn.red.

[Essays on the pathology of speech and of the voice] Ocherki po
patologii rechi i golosa. Pod red. S.S.Liapidevskogo. Moskva,
Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR. No.1. 1960. 148 p.
(MIRA 13:12)

1. Moscow. Moskovskiy gosudarstvennyy pedagogicheskiy institut.
(Speech, Disorders of)

TAPTAPOVA, S.L.

Method of forming a pseudovoice in persons with an extirpated larynx. Vest. otorin. 22 no.1:60-64 Ja-F '60. (MIRA 14:5)

1. Iz otolaringologicheskogo otdeleniya (zav. - doktor meditsinskikh nauk I.N.Aleksandrov) Moskovskogo gorodskogo chelyustno-litsevogo gosпитalya.

(LARYNX—SURGERY)

(VOICE CULTURE—EXERCISES)

BROZGOL', A.M.; TAGAYEVSKIY, L.I.; TAPTAPOVA, S.L.

Characteristics of oral prosthesis following laryngectomy.
Stomatologiya 40 no.3:85-88 My-Je '61. (MIRA 14:12)

1. Iz stomatologicheskogo poliklinicheskogo otdeleniya i otolaringo-
logicheskogo otdeleniya (zav. otdeleniyem - doktor med.nauk I.N.
Aleksandrov) Moskovskogo gorodskogo chelyustno-litseвого gospiṭalaya
(nachal'nik - dotsent A.A.Kovner).
(LARYNX--SURGERY) (DENTAL PROSTHESIS)

BEYN, E.S.; GERTSENSHTEYN, E.N.; RUDENKO, Z.Ya.; TAPTAPOVA, S.L.;
CHEPNOVA, A.D.; SHOKHOR-TROTSKAYA, M.K.; KUKUYEV, L.A.,
red.; KUZ'MINA, N.S., tekhn. red.

[Handbook on the recovery of speech by persons affected with
aphasia] Posobie po vosstanovleniiu rechi u bol'nykh afaziei.
Pod red. E.S.Bein. Moskva, Medgiz, 1962. 335 p.
(MIRA 15:5)

(APHASIA) (SPEECH THERAFY)

TAPTAPOVA, S. L.; ANTONOV, O. S., mladshiy nauchnyy sotrudnik

Localization and formation of pseudovocal tima in laryngectomized patients. Vest. otorin. no.1:80-82 '62. (MIRA 15:7)

1. Iz otorinolaringologicheskogo otdeleniya (nach. - doktor meditsinskikh nauk I. N. Aleksandrov) Moskovskogo gorodskogo chelyustno-litseвого gosptalya i Instituta eksperimental'noy biologii i meditsiny (dir. - laureat Leninskoy premii prof. Ye. N. Meshalkin) Sibirskogo otdeleniya AN SSSR, Novosibirsk.

(LARYNX--SURGERY)

TAPTON, A. S.

Boring of gun barrels Moskva, Oborongiz NKAP, Glav. red. vooruzheniia i boepripasov, 1945.
178 p. (49-55'29)

UF530.T3

TAPTUN, Andrey Savel'yevich, dotsent, kand.tekhn.nauk; VERE~~MEY~~CHUK, I.S., dotsent, kand.tekhn.nauk, retsenzent; KRASIL'NIKOV, S.D., inzh., red.; VINOGRADSKAYA, S.I., izdat.red.; ROZHIN, V.P., tekhn.red.

[Manufacture of artillery systems; the mechanical treatment of gun barrels] Proizvodstvo artilleriiskikh sistem; mekhanicheskaya obrabotka orudiinykh stvolov. Moskva, Gos.nauchno-tekhn. izd-vo Oborongiz, 1960. 336 p. (MIRA 14:3)
(Ordnance)

TAPTYGINA, T.S.

Pavlovian theory on analysors and data on the ocular analyzor. Vest. oft.,
Moskva 31 no.6:28-33 Nov-Dec 1952. (GIML 23:4)

1. Of the Eye Clinic (Director -- Prof. L. A. Dymshits), Leningrad
Pediatric Institute.

KUCHAYEVA, A.G.; KRASIL'NIKOV, N.A.; SKRYABIN, O.K.; TAPTYKOVA, S.D.

Actinomycetes of the olivochromogenes. Trudy Inst. microbiol.
no.8:226-253 '60. (MIRA 14:1)
(ACTINOMYCETALES)

KUCHAEVA, A. G.; KRASIL'NIKOV, N. A.; TAPTIKOVA, S. D.; GESHEVA, R. L.

On the classification of actinomycetes from the lavendulae group.
Izv. mikrobiol. inst. (Sofia) 13:103-124 '61.

(STREPTOMYCES)

KUCHAYEVA, A.G.; KRASIL'NIKOV, N.A.; GESHEVA, R.I.; TAPTYKOVA, S.D.;
SMIRNOVA, L.M.

Biology of actinomyces of the Fradiae group. Izv. AN SSSR Ser.
biol. no.2:261-269 Mr-Apr '63. (MIRA 17:5)

1. Institut mikrobiologii AN SSSR i Institut mikrobiologii
Bolgarskoy Akademii nauk.

KUCHAEVA, A.G.; GESHEVA, R.L.; TAPTYKOVA, S.D.

Biology of the pink-colored group of actinomycetes. I. The
Fradiac group. Izv. microbiol. inst. 15:19-32 '63

*

KUCHAEVA, A.G.; GESHEVA, R.L.; TAPTIKOVA, S.D.; KRASILNIKOV, N.A.

On some characteristics of actinomycetes from the pink-colored group. *Izv. microbiol. inst.* 15:59-62 '63

*

KUCHAYEVA, A.G.; TAPTYKOVA, S.D.; GESHEVA, R.L.; KRASIL'NIKOV, N.A.

Keratinization activity of Actinomyces fradii. Dokl. AN SSSR 148
no.6:1400-1402 F '63. (MIRA 16:3)

1. Chlen-korrespondent AN SSSR (for Krasil'nikov).
(ACTINOMYCES) (KERATIN)

COLOVKINA, L.M.; TAPTYKOVA, A.; FROSHICHA, Ya.M.; KUCHENKO, V.V.

Comparison of antibiotics produced by Actinomycetes of the
Fradiac group. Mikrobiologiya 33 no.2:332-336 M-Apr '66
(MIRA 17:12)

1. Institut mikrobiologii AN SSSR.

IFTODE, I.; DOBRESCU, C.; TAPU, C.

F.T.R. analog calculating machine. Probleme automatiz 4:87-100 '63.

TAPU, I.

A permanent task. Munca sindic 6 no.5:41-43 My '62.

1. Presedinte al comitetului sindicatului de la Uzinele de pompe de injectii, Sinaia.

TAPU, I.

We Romanians actively support the rhythmic accomplishment of the production plan. Munca sindic 6 no.10:14-17 0 62.

1. Presedinte al comitetului sindicatului Uzinelor de pompe de injectii, Sinaia.

TAPUC, Gh.; POPUTA, Aurel

News from the Bicz Cement Plant. Constr Buc 14 no.649:2 16 Je
'62.

1. Postul de corespondenti voluntari de la Bicz.

TAPULEASA, Grigore, coresp.; ENESCU, Constantin, coresp.; GOWAR, C.A., coresp.;
CIRSTOIU, Valentin, coresp.

Constructors report new progress. Constr Buc 17 no.802:1
22 My '65.

KUCHINSKIY, G.S., kand.tekhn.nauk, dotsent; TAPUPERE, O.O., inzh.

Recording of the ionization characteristics of insulation.
Elektrichestvo no. 11:42-48 N '60. (MIRA 13:12)

1. Leningradskiy politekhnicheskoy institut imeni M.I. Kalinina.
(Electric insulators and insulation)

CHUMAKOV, M.P.; KARPOVICH, L.G.; SARMAHOVA, Ye.S.; SERGEYEVA, G.I.;
BYCHKOVA, M.V.; TAPUFERE, V.O.; LIBIKOVA, Ye.O.; Mayyer, V.;
~~RZHEGACHEK~~, R. [Rehacek, R.]; ~~KOZHUKH~~, O. [Kozuch, O.]; ERNEK, E.

Isolating from the tick Ixodes persulcatus and from sick persons
in Western Siberia a virus differing from the pathogen of tick-
borne encephalitis. Vop. virus. 8 no.1:98-99 Ja-F'63.

(MIRA 16:6)

(VIRUSES) (ENCEPHALITIS—MICROBIOLOGY)

TAR, Andras

Gasoline problems of two-stroke motors. Auto motor 17 no.21:10
6 N '64.

TAR, Andras

New sup. gasoline with octave number 92! Auto Motor 17 no.22:6
21 II '64.

TAR, Andras

Plans of the Mineral Oils Commercial Enterprise for 1965.
Auto motor 18 no.2:7 21 Ja '65.

TAR, ILDIKO

The peptization of lignin. A. Buzsagh and Ildiko Tar (Eotvos Lorand Univ., Budapest). *Kolloid-Z.* 195, 45-53 (1955).—The peptization by NaOH of lignin extd. by alc. KOH or by dioxane from rye straw, sprucewood sawdust, or peat was studied quantitatively. A plot of amt. of lignin dissolved against amt. of lignin taken shows, for a given NaOH concn., a sharply rising branch, a soly. max., a descending portion, and then a horizontal section. The origin and method of extn. give quant. differences in these curves, but qualitatively all the lignins show similar behavior, which resembles that of humic acid. The lignin sols produced have a MeO content independent of origin but smaller than the original material, and show equiv. and micelle wts. which are nearly independent of the amt. of lignin and of the NaOH concn. along the horizontal part of the peptization curve but are greater near the max. of the curve. The coagulation values of electrolytes for the sols are larger in the vicinity of the max. than along the horizontal part. It is concluded that both chemically and colloiddally, lignin is heterogeneous in nature. With increasing concn. of LiCl, NaCl, KCl, or BaCl₂ also present, the peptizability is decreased and the peptization curves change into simple max. curves. The cation effects follow both the valence rule and the lyotropic order. W. S. Dreyer, Jr.

MT //

~~ILDIKO~~ TAR, Ildiko

HUNGARY /Physical Chemistry - Colloid Chemistry, Dispersion Systems. B-14

Abs Jour: Referat. Zhurnal Khimiya, No 3, 1958, 7352.

Author : Aladar Buzagh, Ildiko Tar.

Inst :

Title : Upon The Peptization of Lignin.

Orig Pub: Magyar kem. folyoirat, 1957, 63, No 4-5, 132-143.

Abstract: The peptization of lignin (I) preparations obtained from rye straw, fir saw dust and peat by extraction with alkali in ancohol and with dioxane was studied. All the samples of I, as well as humic acid, are peptized correspondingly to the Ostwald-Buzag's rule of precipitation. The dependence of the amount of I that has passed into the sol on the amount of I in the precipitate is expressed by a curve, which is typical for the dissolution peptization and which has a maximum with a following horizontal part. The content of metoxy-groups is in the solution less than in the precipitate; the equiva-

Card : 1/2

-3-

HUNGARY/Physical Chemistry - Colloid Chemistry, Dispersion Systems. B-14

Abs Jour: Referat. Zhurnal Khimiya, No 3, 1958, 7352.

lent and the micellar sol weights depend on the amount of the precipitate, which indicates the chemical and dispersion non-uniformity of I. I peptization decreases in presence of electrolytes. The action of various cations is determined by rules of valence and of the lyotropic series.

Card : 2/2

-4-

BUZAGH, Aladar; KOMAROMY, Istvanne; TAR, Ildiko

Thermic investigation of various lignins. Magyar kem folyoir 67
no.8:332-334 Ag '61.

1. Eotvos Lorand Tudomanyegyetem Kolloid-Kemiai es Kolloidtech-
nologiai Tanszeke, Budapest 2. "Magyar Kemiai Folyoirat"
szerkeszto bizottsagi tagja (for Buzagh)

TAR, Ildiko; MESZAROS, Magda; KOMAROMY, Istvanne

Data on the colloidal properties of aluminum-hydroxide gels.I.
Magy kem folyoir 68 no.9:413-417 S. '62.

1. Eotvos Lorand Tudományegyetem Kolloid-kémiai és Kolloid-
technológiai Tanszéke, Budapest.

TAR, Janos, dr.

Remark about the new Polish evaluation proposal. Repules 15
no.7:14 J1 '62.

1. Repulooktato.

TAR, Janos, dr.

Psychological questions of flight for coaches. (To be
contd.) Repules 15 no.9:16 3 '62.

1. Repulocktato.

TAR, Janos, dr.

Psychological questions of the flight; for coaches. Repules
15 no.10:16 0 '62.

1. Repulooktato.

KEREKES, Otto; LUKACS, Otto; TAR, Jozsef

Determination of the production index of the construction industry.
Stat szemle 40 no.6:630-642 Je '62.

1. Kozponti Statisztikai Hivatal foeladoja (for Kerekas).
2. Kozponti Statisztikai Hivatal foosztalyvezetoje (for Lukacs).
3. Kozponti Statisztikai Hivatal osztalyvezetoje (for Tar).

TAR, Jozsef

Development of some more important indexes relating to technical progress in the state-controlled construction industry. Epites szemle 7 no.9:261-266 '63.

1. Kozponti Statisztikai Hivatal Ipari es Beruhazasi Foosztalyanak vezetoje.